## declaration and power of attorney for patent application O/97277 us

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as  $\underline{\text{stated}}$  below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter for which a patent is sought on the invention entitled:

| invention er     |                         |                             | <b>3</b>        |  |
|------------------|-------------------------|-----------------------------|-----------------|--|
| BLOOD CIRCU      | OSACCHARIDE FOI<br>ITS" | R PREVENTING BLOOD CLOTI    | ING IN EXTRACO  | RPOREAL                                |
|                  | ation of which          |                             |                 |  |
| [CHECK ONE]      |                         |                             |                 |  |
| [ ]is a          | attached hereto         |                             |                 |  |
| [] was           | filed on                | as                          | Application Sea | rial No.                               |
|                  |                         | was amended on              |                 |  |
| [if applicab     | le]                     |                             |                 |  |
| ( <b>x</b> las f | iled under the          | Patent Cooperation Treat    | u on Marr 22 16 | 100                                    |
| Serial_PCT/E     | P98/03174               | The United States of Ame    | rica being des  | ignated.                               |
| and or the       |                         |                             |                 |  |
| I hereby st      | ate that I hav          | re reviewed and understa    | and the conter  | nts of the                             |
| above-Ideuri     | ried specificar         | ion, including the claim    | m(s), as amend  | ded by any                             |
| Lamendment re    | ferred to above.        |                             |                 |  |
| I acknowledge    | e the duty to           | disclose to the Patent a    | and Tradomank   | Office ell                             |
| Linformation k   | cnown to me to b        | pe material to patentabil   | ity as defined  | Office all                             |
| Code of Feder    | al Regulations          | Section 1.56(a)             | arey as defined | TICLE 3/,                              |
| =                |                         | 20001011130(4)              |                 |  |
| I hereby clai    | m foreign prior         | ity benefits under Title    | 35. United St   | ates Code                              |
| Section 119      | of any fore             | ign application(s) for      | patent or       | inventor's                             |
| certificate      | listed below            | and have also identif       | ied below an    | v foreign                              |
| applications (   | s) for patent           | or inventor's certification | te having a f   | iling date                             |
| before that o    | of the applicati        | on(s) on which priority     | is claimed:     |  |
| Prior Foreign    | Application(s)          | •                           | Drianita        | . alaimed                              |
| 97201586.1_      | EP                      | 27 / 05 / 1997              | X Yes           | claimed                                |
| Number           | Country                 | Day/Month/Year filed        |                 |  |
|                  |                         | /_/                         | Yes             | No                                     |
| Number           | Country                 | Day/Month/Year filed        |                 |  |
|                  |                         | /                           | Yes             | No                                     |
| Number           | Country                 | Day/Month/Year filed        |                 | ************************************** |
|                  |                         |                             |                 |  |

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which

became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

(U.S. Serial No.) (Filing date) (Status-patented, pending, abandoned)

(U.S. Serial No. (Filing date) (Status-patented, pending, abandoned)

And I hereby appoint as principal attorney, William M. Blackstone, Registration No. 29,772, Mary E. Gormley, Registration No. 34,409, Gregory R. Muir, Registration No. 35,293 and Michael G. Sullivan, Registration No. 35,377.

Please address all communications to:

William M. Blackstone AKZO NOBEL 1300 Piccard Drive #206 Rockville, MD 20850-4373

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued theron.

| Full name of sole or first inventor Jacobus, Christianus, Johannes S       | TIEKEMA           |
|--|-------------------|
| Inventor' signature  | - 30 October 1999 |
| inventor signature   | Date              |
| CitizenshipDutch   |                   |
|  | <del>-</del>      |
| Residence and P.O. Address <u>Herengrachi 393, 1016 BC AMSTERDAM - The</u> | Nether lands      |
| Full name of second joint inventor <u>Jean Marc HERBERT</u>                |                   |
| Inventor's signature   |                   |
| iii  | Date              |
| Citizenship French   |                   |
| Residence and P.O.Address 10. Rue de l'Almandier, 31170 TOURNEFEUILL       |                   |
| Fail name of third joint inventors   |                   |
| Inventor's signature   |                   |
|  | Date              |
| Citizenship  |                   |
| Residence and P.O.Address  |                   |
| -Full name of forth-joint inventor   |                   |
| Inventor's signature   |                   |
| Citizenship  | Date              |
|  |                   |

## declaration and power of attorney for Pa. Ant application $\ell'/q_{7}\ell_{7}$

As a below named inventor, I hereby declare that:

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Number

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter for which a patent is sought on the invention entitled:

"USE OF OLIGOSACCHARIDE FOR PREVENTING BLOOD CLOTTING IN EXTRACORPOREAL BLOOD CIRCUITS"

| beoob ence                             |  |  |  |
|--|--|--|--|
| [CHECK ONE]                            | ation of which                                 |  |  |
| [] was                                 |  | as Ay<br>was amended on  | oplication Serial No.  |
|  |  | atent Cooperation Treaty<br>he United States of Amer   |  |
| above-identia                          |  | reviewed and understar   |  |
| information k                          | -  | isclose to the Patent ar<br>material to patentabili<br>ection 1.56(a)  |  |
| Section 119 certificate applications ( | of any foreign listed below a s) for patent of | ty benefits under Title<br>gn application(s) for<br>and have also identifi<br>or inventor's certificate<br>n(s) on which priority is | patent or inventor's ed below any foreign a having a filing date |
| Prior Foreign                          | Application(s)                                 |  | Priority claimed   |
| 97201586.1                             | EP   | 27 / 05 / 1997   | X Yes No   |
| Number                                 | Country  | Day/Month/Year filed   |  |
| Number                                 | Country  | Day/Month/Year filed   | Yes No   |
| namper                                 | Country  | Day/MUMCH/IEar Tiled   |  |

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/ /

Day/Month/Year filed

Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which became available between the filing date of the poor application(s) and the national or PCT international filing date of this application.

(U.S. Serial No.) (Filing date) (Status-patented, pending, abandoned)

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| Full name of sole or first inventor <u>Jacobus, Christianus, Johannes STIEKEMA</u>     |  |
|--|--|
| Inventor' signature  |  |
|  | Date                                   |
| Citizenship  |  |
| Residence and P.O. Address <u>Herengracht 393, 1016 BC AMSTERDAM - The Netherlands</u> |  |
| Full name of second joint inventor Jean, Marc HERBERT                                  |  |
| Inventor's signature   | SUIS:                                  |
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| Residence and P.O. Address 10. Rue de l' Almandier. 31170 TOURNEFEUILLE - Frence       |  |
| Full name of third joint inventor  | ······································ |
| Inventor's signature   | Date                                   |
| Citizenship  |  |
| Residence and P.O.Address  |  |
| Full name of forth joint inventor  |  |
| Inventor's signature   |  |
| Citizenship  | Date<br>                               |